



Missouri Weekly Influenza Report

2007-2008 Season¹

Missouri is reporting “No Activity” to the CDC for Week 51².

To view influenza maps click [here](#). Each map will give county data by placing the cursor over the county.

Table 1. Reported Laboratory cases by sub-type for the Week ending December 22, 2007 (Week 51)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 51	5	0	0	0	4	2	11

11 cases by rapid non-culture diagnostic test have been reported for week 51.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending December 22, 2007 (Week 51)

Influenza Type	2007-08 Season	5-Season Median	Percent Change from 5-Season Median
Influenza A	176	119	47.9%
Influenza B	33	42	(21.4%)
Influenza Unknown Or Untyped	12	114	(89.5%)
Total	221	196	12.8%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending December 22, 2007 (Week 51)

Age Group	2007-08 Count	5-Season Median	Percent Change from 5-Season Median
00-<02	27	16	68.8%
02-04	25	10	150.0%
05-14	49	81	39.5%
15-24	28	24	16.7%
25-49	56	55	1.8%
50-64	21	20	5.0%
65+	15	38	(60.5%)
Total	221	196	12.8%

Table 4. Influenza Season-to-Date and 5-season Median by Region Through Week Ending December 22, 2007 (Week 51)

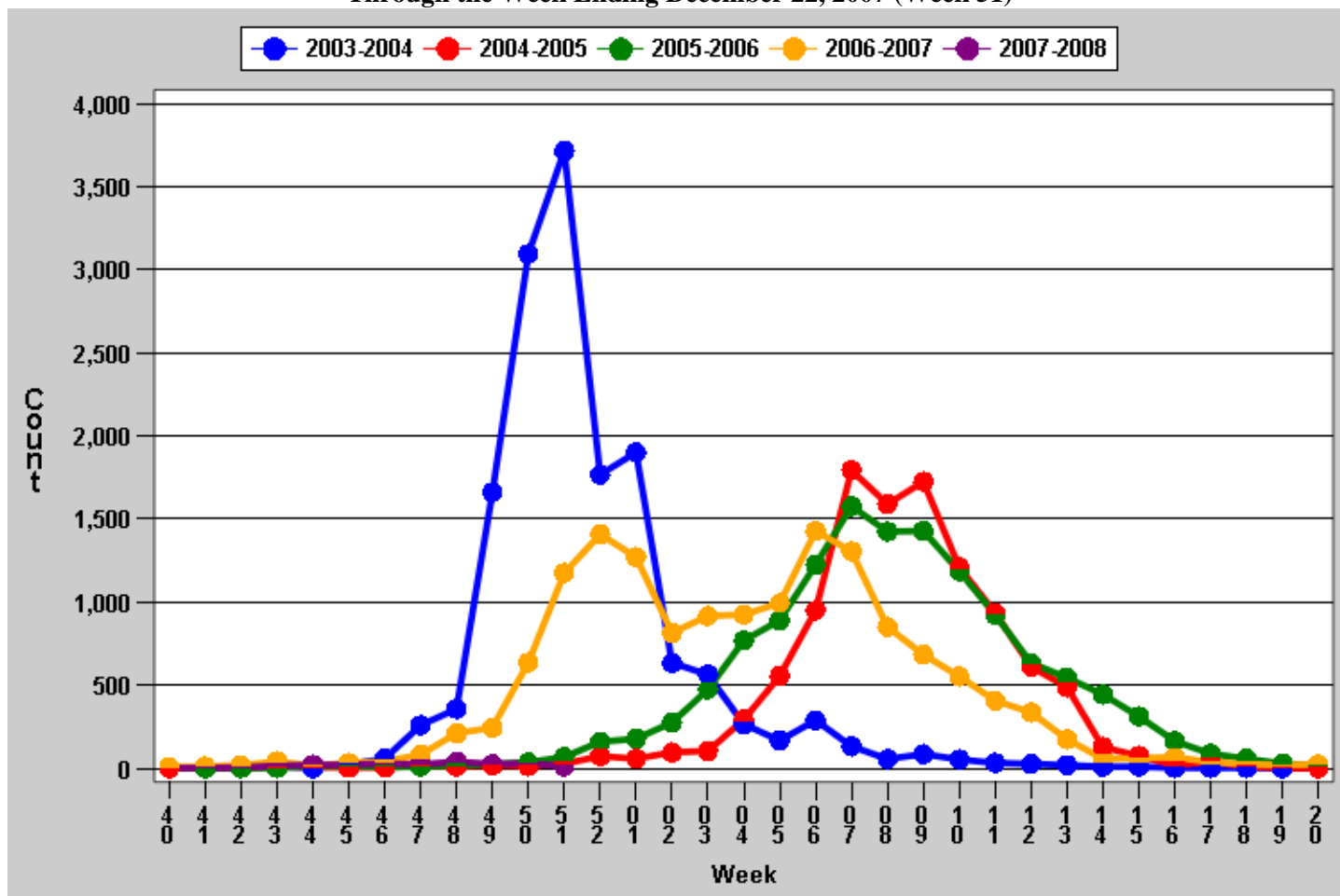
Region	2007-08 Count	5-Season Median	Percent Change from 5-Season Median
CE	19	64	(70.3%)
EA	34	61	(44.3%)
NW	17	110	(84.5%)
SE	4	324	(98.8%)
SW	147	32	359.4%
Total	221	196	12.5%

**Table 5. Deaths involving Pneumonia and Influenza (P&I)
Reported During the Week Ending December 15, 2007 (Week 50)***

Week 50	Season-to-Date	Week 50 Last Season	5 Year Weekly Median
81	221	104	66

* Beginning in Week 35 of 2003, the number of P&I deaths became based on a new system of retrieval that now includes all contributing causes of death from death certificates.

**Graph 1. Influenza 2007-08 Season-To-Date as compared to the previous 4 influenza seasons
Through the Week Ending December 22, 2007 (Week 51)**



**Table 6. U.S. Influenza Sentinel Physicians Surveillance Network
Influenza-like Illness (ILI) for the Week Ending December 15, 2007 (Week 50)**

Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI*
1	0	0	0	1	2044	0.04

*This is below the national baseline of 3.9%

**Table 7. Respiratory Specimens Submitted to SPHL for Viral Testing
Through the Week Ending December 22 2007 (Week 51)***

	Positive Influenza	Total Number Specimens Submitted
Week 51	0	1
Season-to-Date	0	31

*Number positives also represent past weeks specimens submitted.

Antigenic Characterization of Missouri Influenza Isolates submitted to CDC by the State Public Health

Laboratory: CDC antigenically characterizes a sample of positive Missouri influenza isolates, submitted through the Missouri Department of Health and Senior Services (DHSS), State Public Health Laboratory (SPHL).

Results Received from CDC: As results become available during the season, detailed information will be included here.

Clusters/Outbreaks of Influenza-like Illness: No school closings have been reported for week 51 of current or last season. No outbreaks have been reported for week 51 of current or last season.

Data Sources: Laboratory-confirmed cases are reported to DHSS through the passive communicable disease surveillance system. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

Find Us on the Web

This report may also be found on the DHSS Internet at: www.dhss.state.mo.us/Influenza/index.html.

National influenza surveillance information is available from the Centers for Disease Control and Prevention at: www.cdc.gov/ncidod/diseases/flu/weekly.htm.

Contact Us

The Missouri Department of Health and Senior Services after hour's number for reporting disease cases and emergencies is **1-800-392-0272**.

¹ *All data in this report are provisional and may change as reports are updated.*

² *Influenza activity codes are reported to CDC each Monday.*